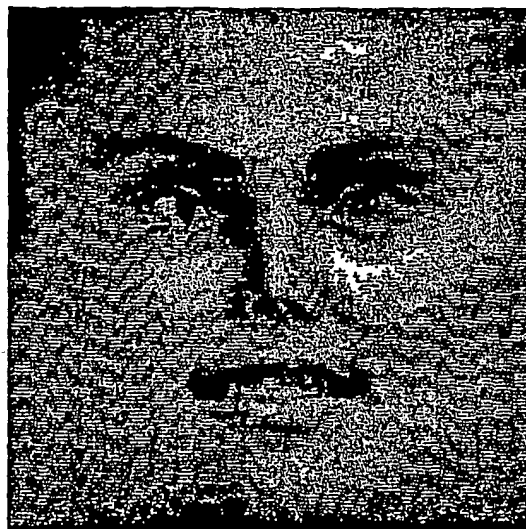


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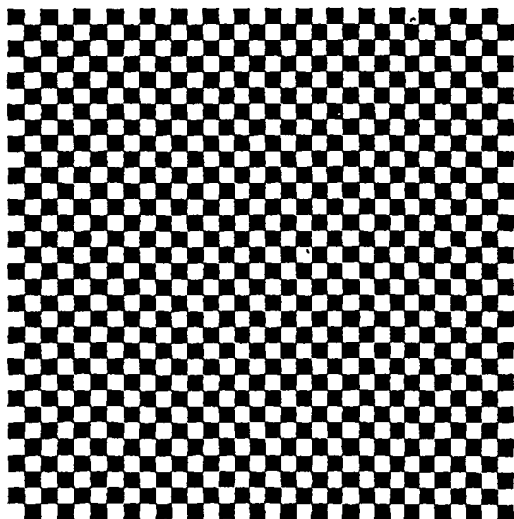


Original Surface

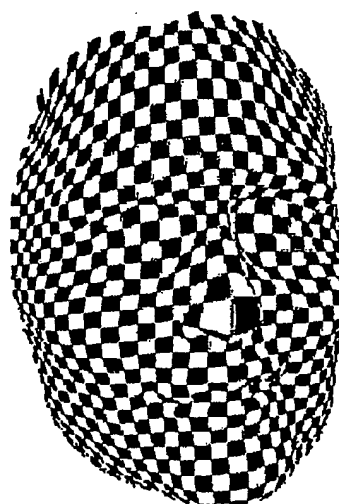


Conformal map to the plane

FIG. 1A



Checkerboard texture



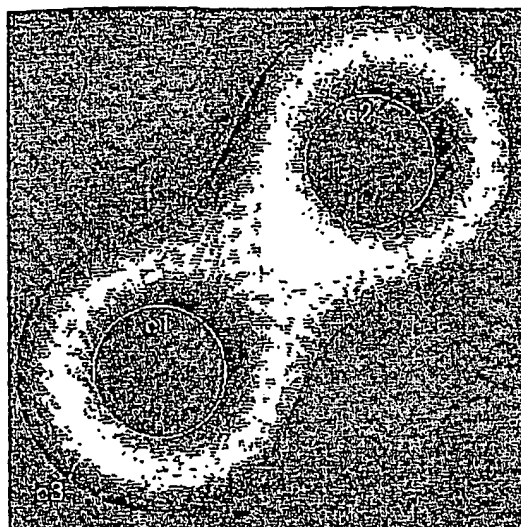
Texture mapped surface

FIG. 1B

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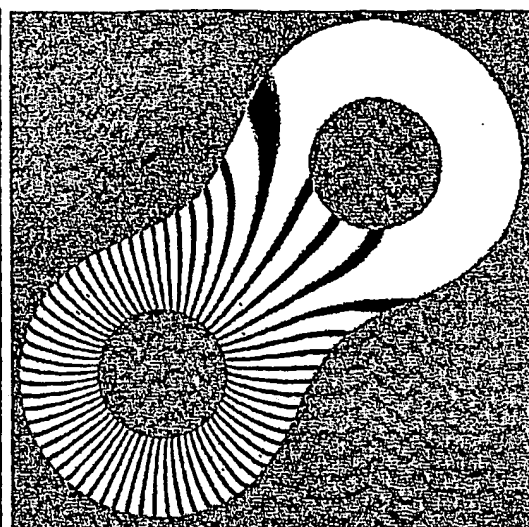
UNREPRODUCIBLE COPY (BLUE COPY)

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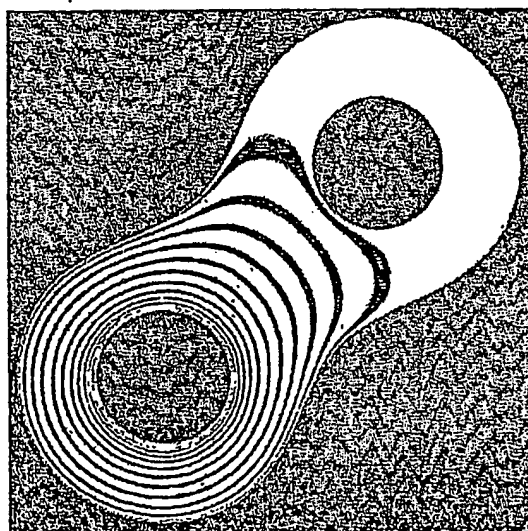
Homology basis

FIG. 2A



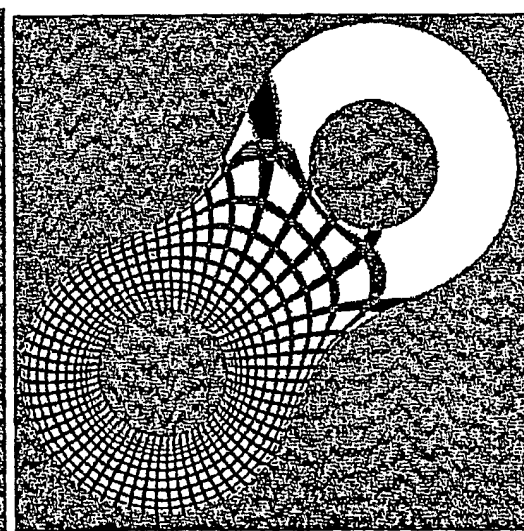
Gradient field ω dual to e_1 .

FIG. 2B



Gradient field $*\omega$ conjugate

FIG. 2C



A conformal gradient field
 $\omega + \sqrt{-1} * \omega$

FIG. 2D

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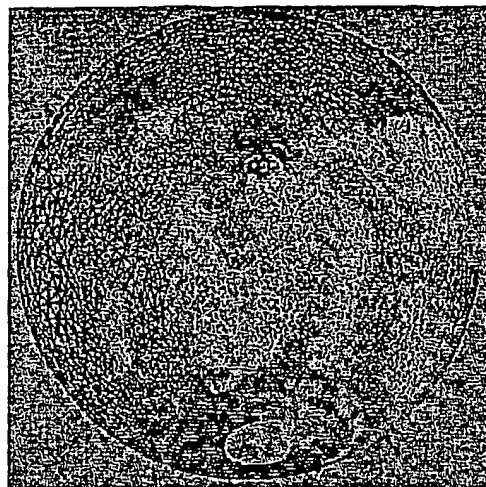


FIG. 3

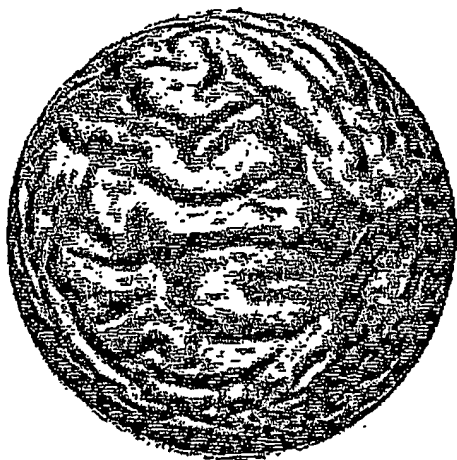


FIG. 4

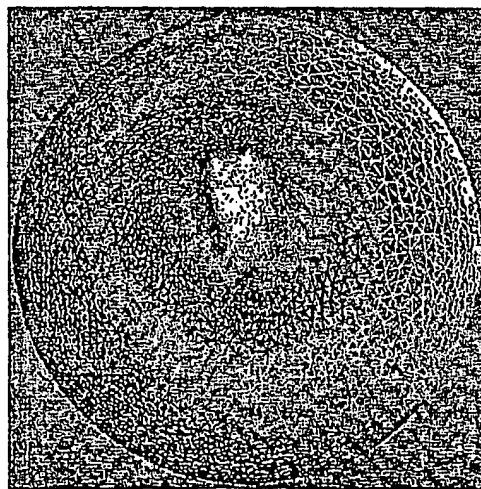
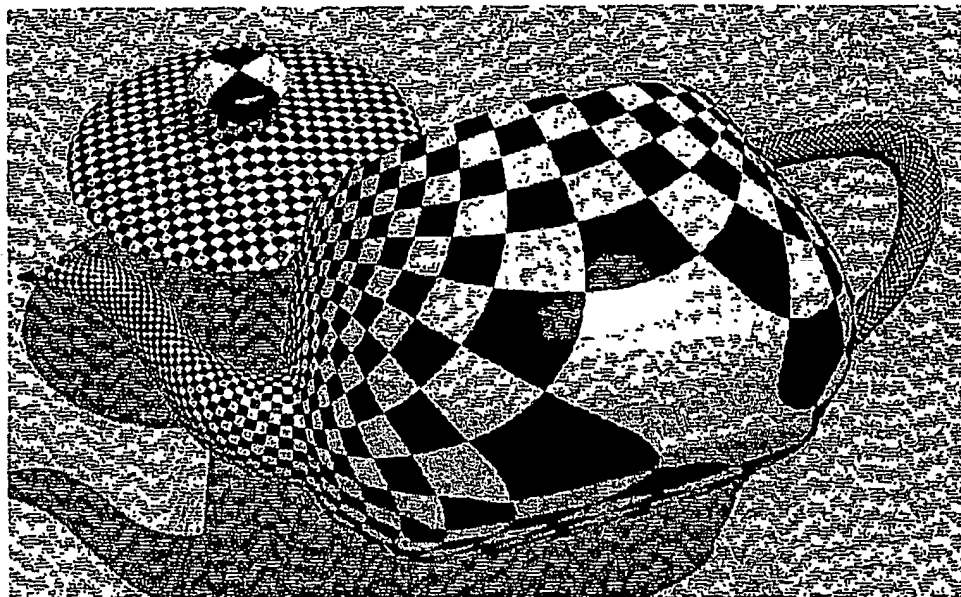
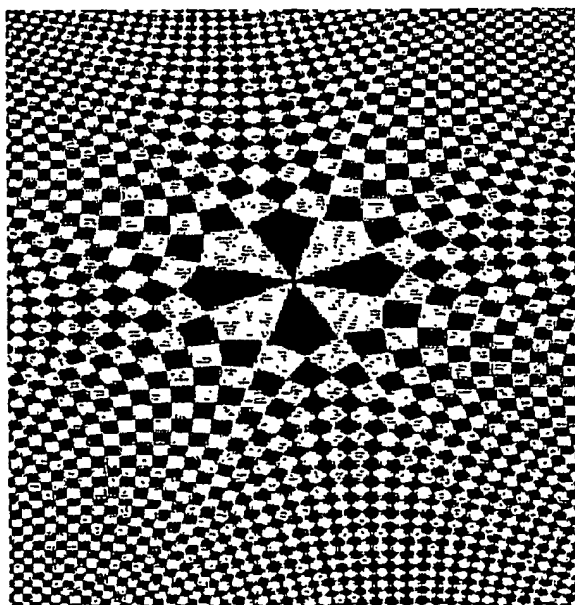


FIG. 5

*FIG. 6A**FIG. 6B*

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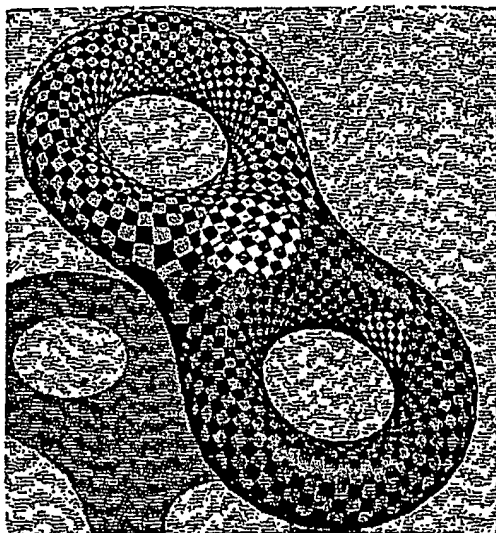


FIG. 7A

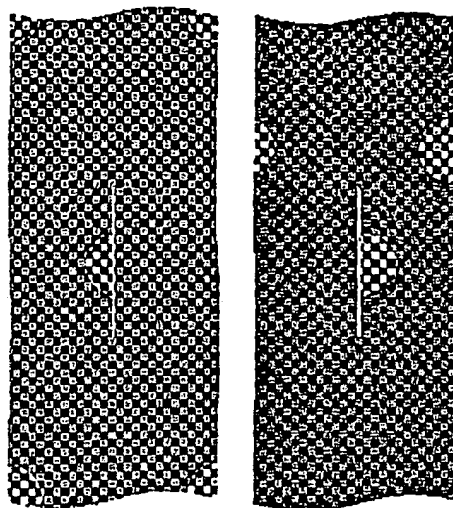


FIG. 7B

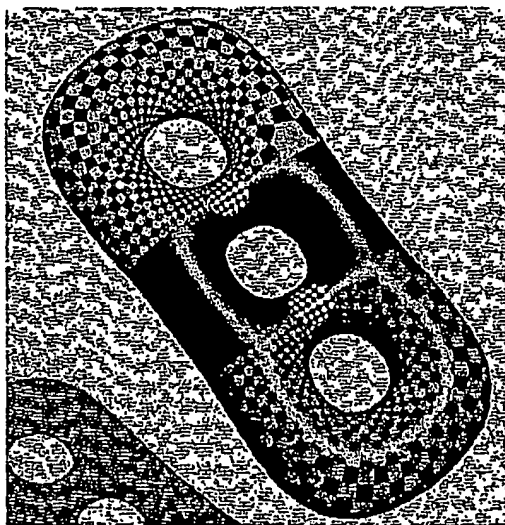


FIG. 7C

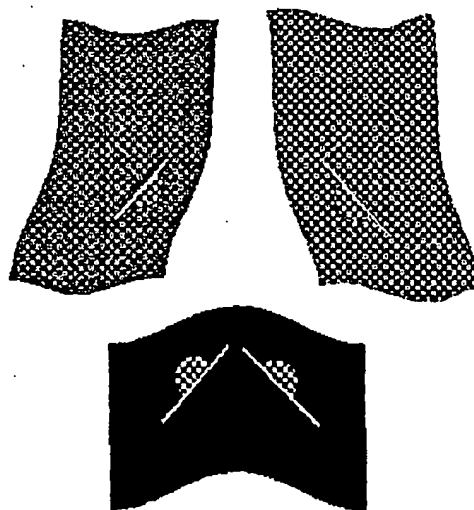


FIG. 7D

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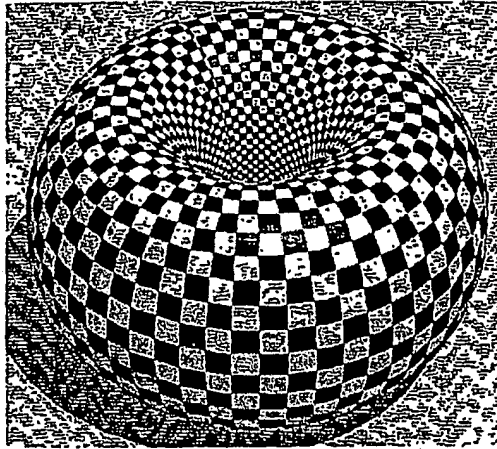


FIG. 8A

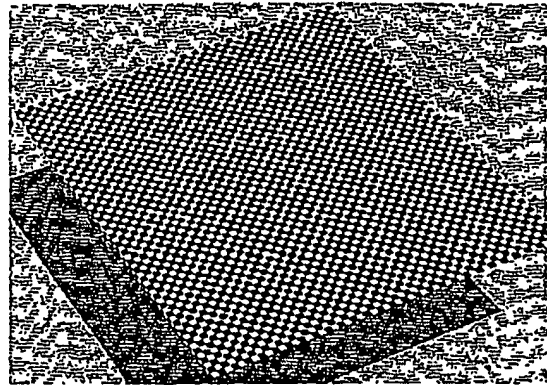


FIG. 8B

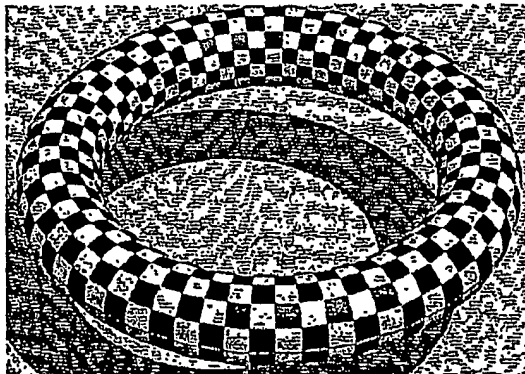


FIG. 8C

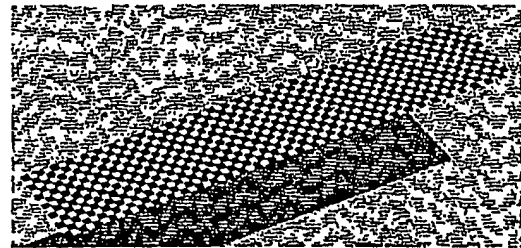


FIG. 8D

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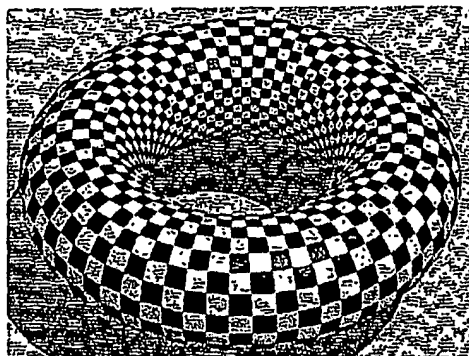


FIG. 9A

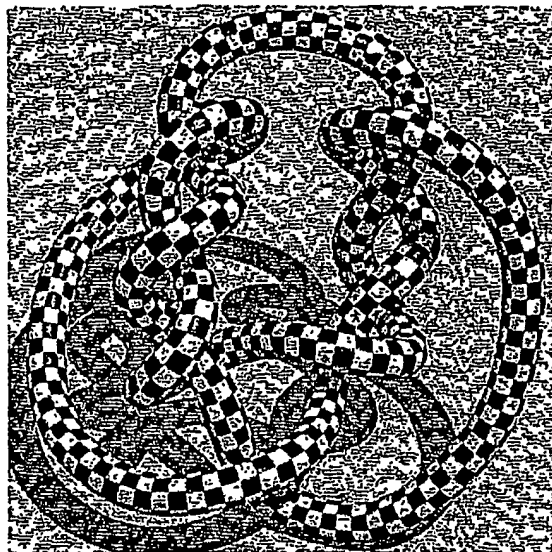


FIG. 9B

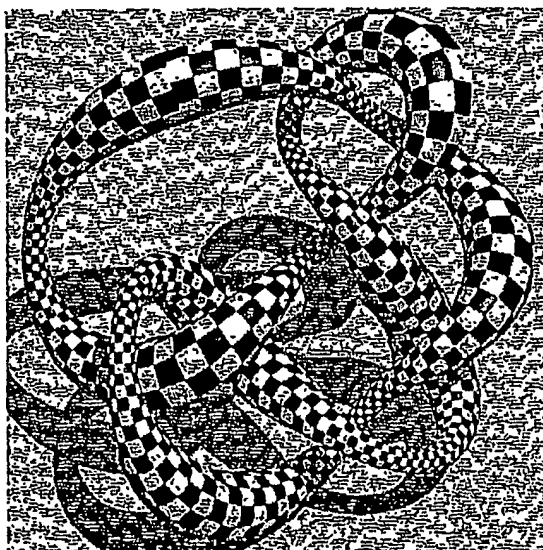


FIG. 9C

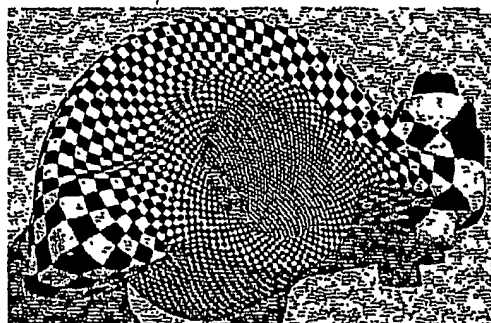


FIG. 9D

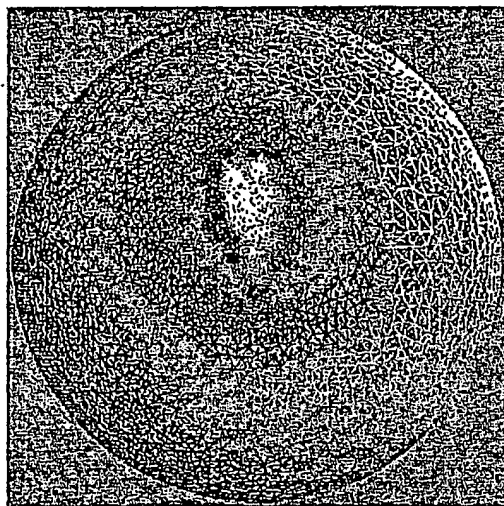


FIG. 10A

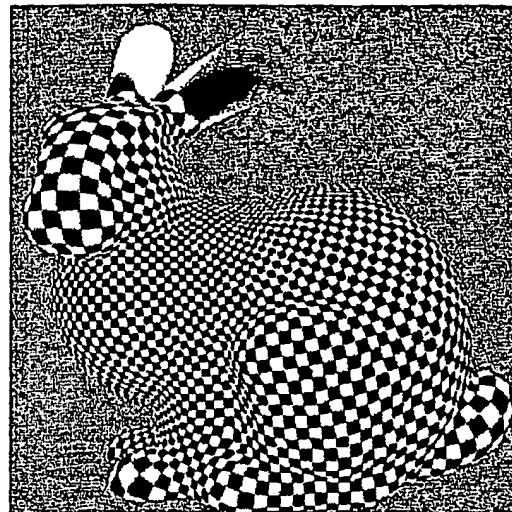


FIG. 10B

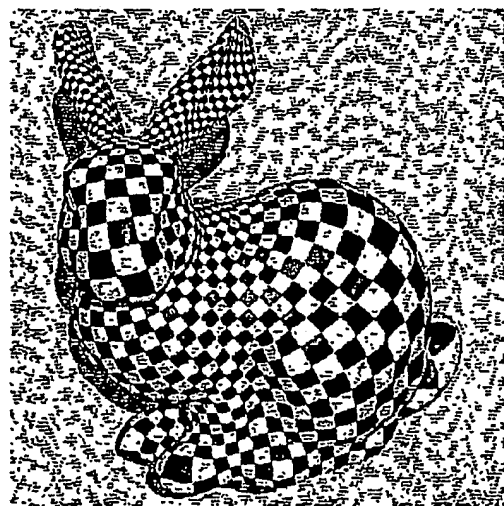


FIG. 10C

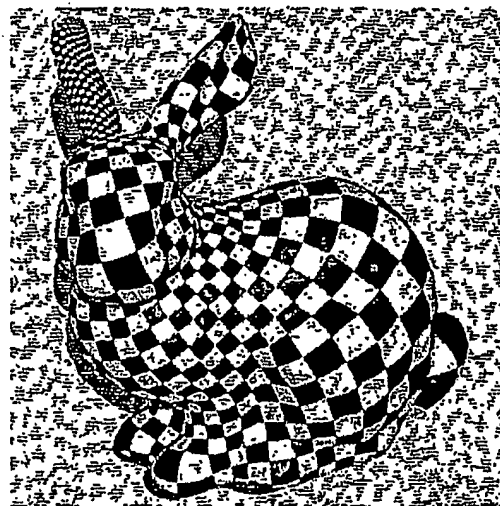


FIG. 10D

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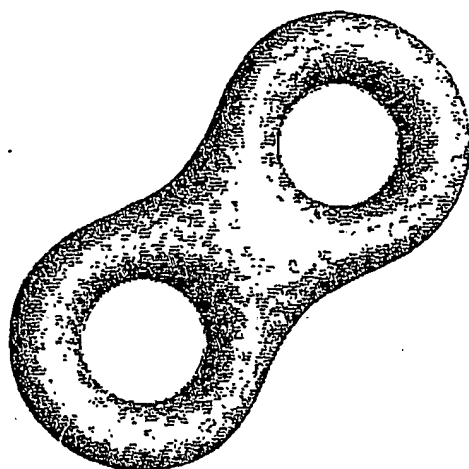


FIG. 11A

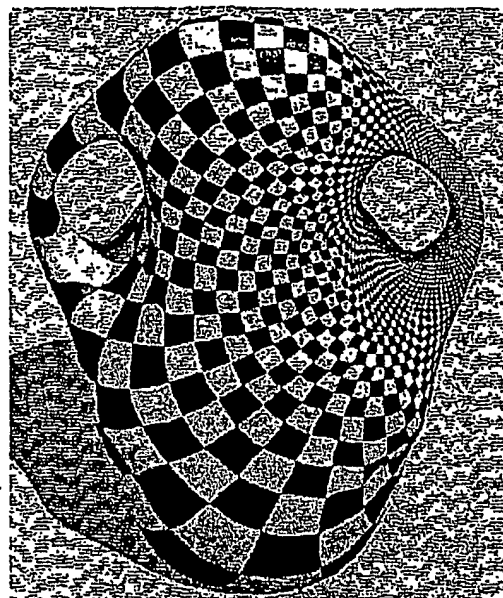


FIG. 11B

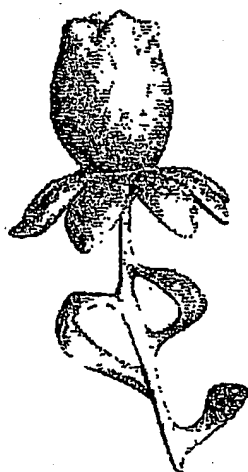


FIG. 11C

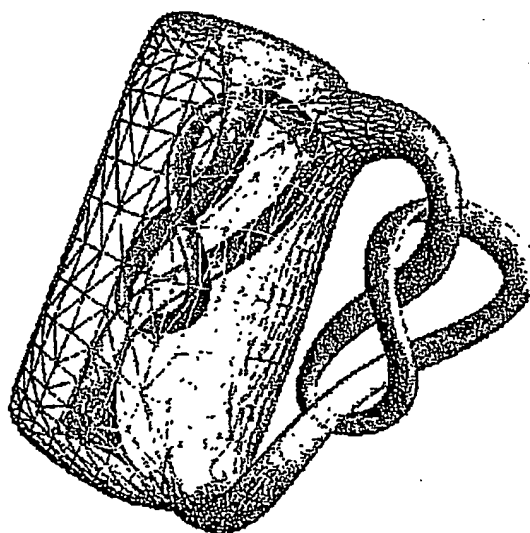


FIG. 11D

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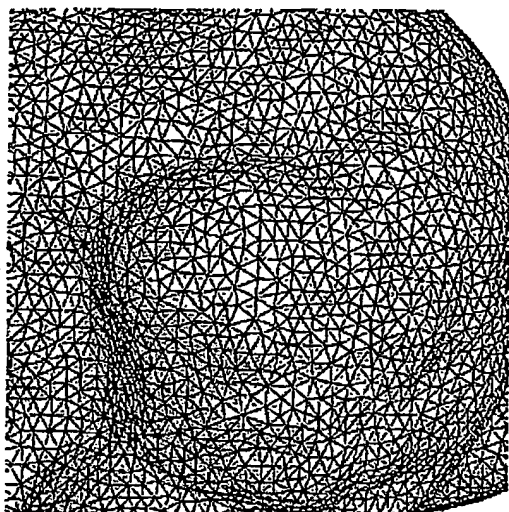


FIG. 12A

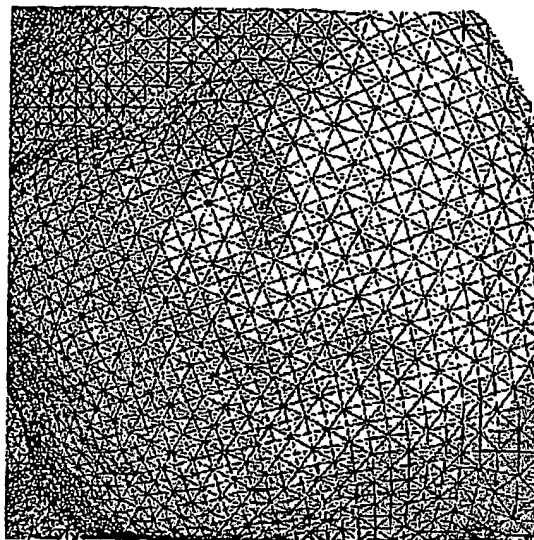


FIG. 12B

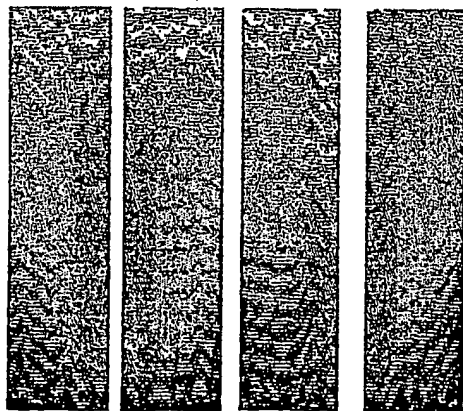


FIG. 12C

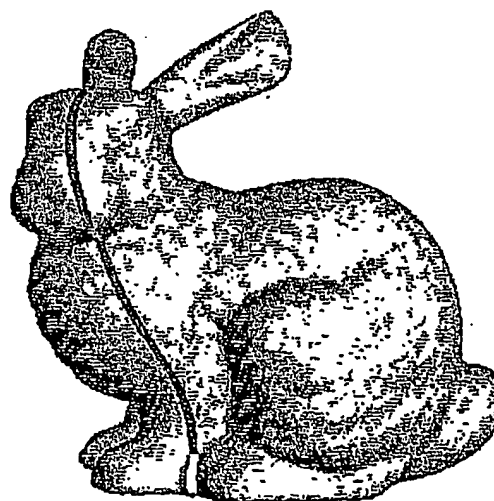


FIG. 12D

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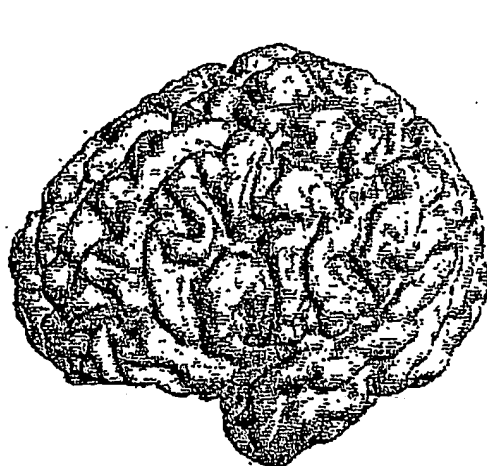


FIG. 13A



FIG. 13B



FIG. 13C

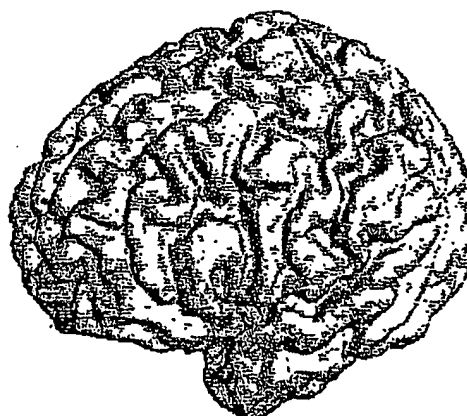


FIG. 13D

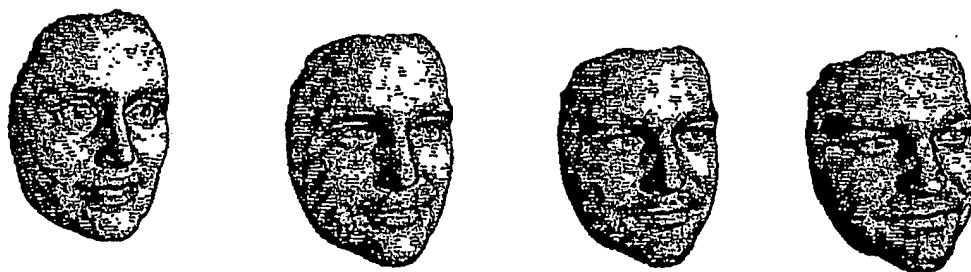
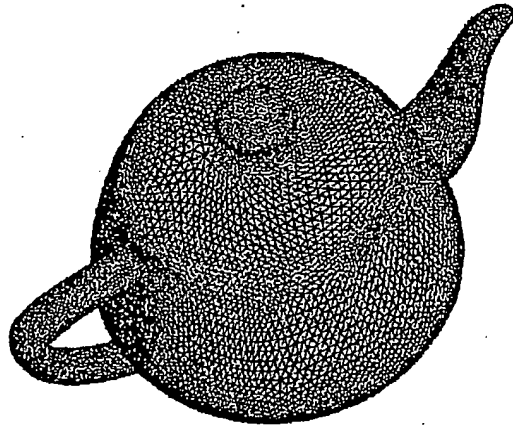
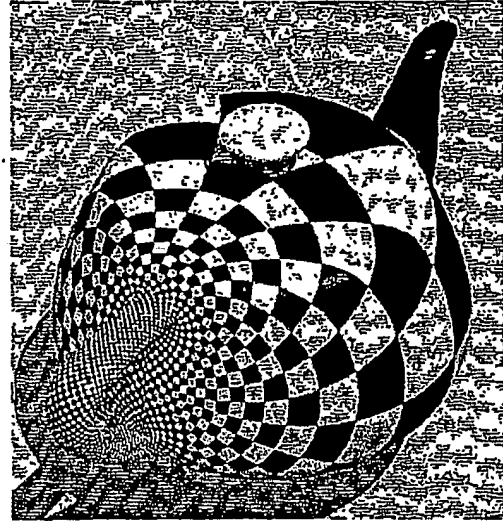
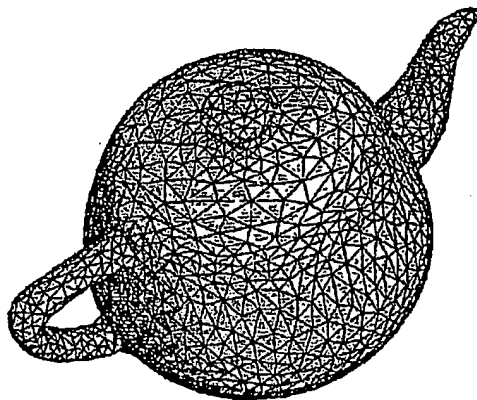
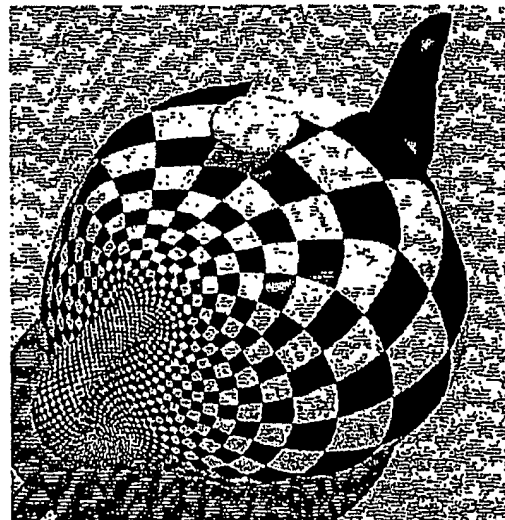


FIG. 14

*FIG. 15A**FIG. 15B**FIG. 15C**FIG. 15D*

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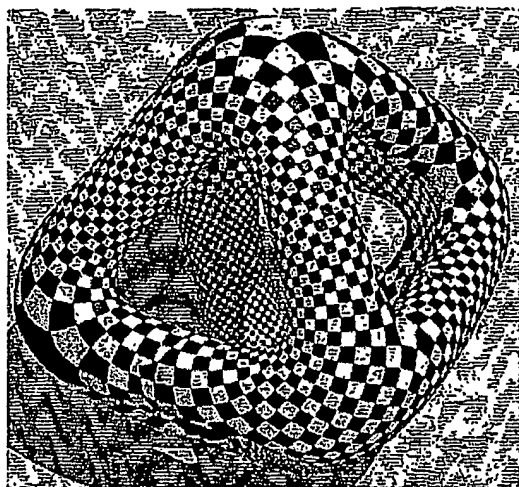


FIG. 16A

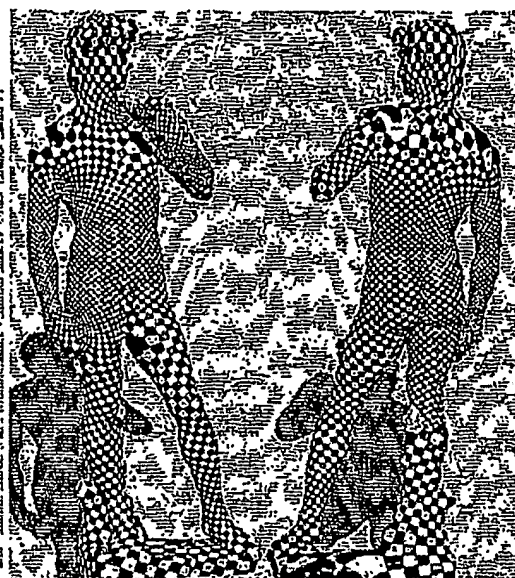


FIG. 16B

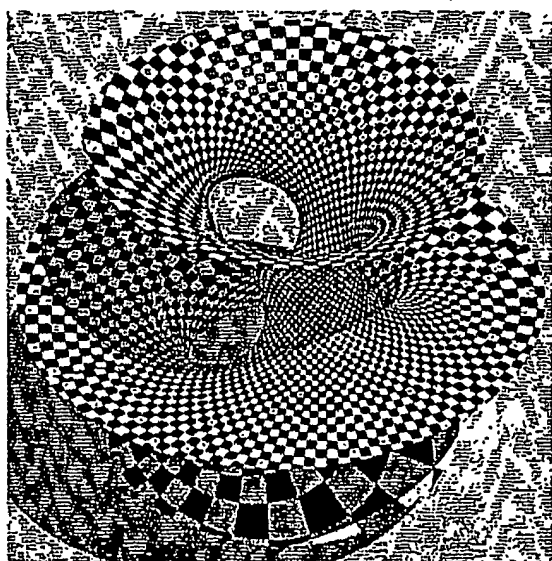


FIG. 16C

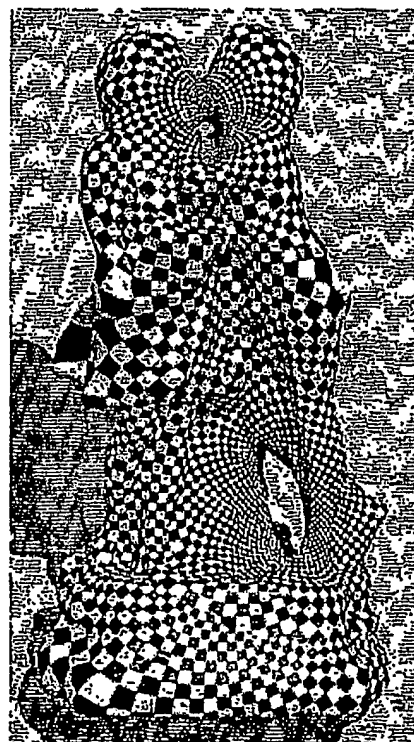


FIG. 16D

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